**Name: Anuran**

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**Professional Summary:**

* **Java/J2EE Full Stack Developer** with **8 Years** of experience on Enterprise applications, Distributed Application Development, Client/Server Applications, Servlets communication, Internet/Intranet based database applications and developing, testing and implementing application environment.
* Strong in the complete Software Development Life Cycle (SDLC) including requirements definition, design, programming / testing and implementation of major systems.
* Experience in **J2EE** Technologies (**Servlets, JSP, JDBC, EJB, JNDI, and JMS)** and participated in the designing and developing of Software using Agile and Waterfall methodologies.
* Experience in User Experience (**UX**) design and development, User Interactive (**UI**) Web Pages and visually appealing User Interfaces using **HTML 5, CSS3, Bootstrap, SASS, JavaScript, JQuery, Angular and React.**
* Experienced in developing and implementing web applications using **Java, J2EE, JSP, Servlets, JSF, HTML5, JavaScript, AJAX, JSON, JQuery, CSS3, XML, JDBC and JNDI.**
* Expertise in development and deployment of multi-tiered web based enterprise applications using J2EE technologies like Servlets 3.0/2.5, JSP 1.1/2.0, Struts 2.0, JMS, Hibernate 3.0/4.0, Spring 3.0/4.0, JDBC, JNDI, JSF, angular JS, **Java Beans and Web services (SOAP, Rest).**
* Knowledge of **J2EE** design patterns like MVC, Front Controller, Factory, Abstract Factory, Command Pattern, Singleton, Session Facade, Transfer Object, Business Delegate and Data Access Object etc.
* Expertise in **MVC** architecture Web **Framework Struts 2.0, Spring 4.0** (Dependency Injection, Data Access Objects, MVC Framework and Spring Web Flow) and know how to use Spring Framework in business layer for Dependency Injection, **AOP, Spring MVC**, transaction management and used Hibernate as a persistence layer that use the POJOs to represent the persistence database.
* Good Exposure to Service Oriented Architecture (SOA) such as Web Services and hands on experience in developing and registering web services using **JAX-RPC, JAX-WS, SAAJ, JAX-RS, SOAP, Restful, WSDL, UDDI registry.**
* Experience in configuring and deploying the web applications on Web Logic, Web Sphere and JBoss Application Servers including hands on experience in using Tomcat web Server.
* Expertise in developing XML documents with XSD validations, SAX and DOM parsers to parse the data held in XML documents and experience in other XML related technologies like DTD, XSL, XSLT, XPATH, JAXB, and JAXP.
* Expertise in using Java IDE tools of Rational Application Developer (RAD), Web Sphere Application Developer (**WSAD), Eclipse EE 3.0/3.2, Web logic Workshop, RSA 7.0 and Net Beans** to develop dynamic web applications.
* Expertise in **Bootstrap, Angular JS and Node JS** (Express, Mongoose, Body-Parser, Sequelize, HTTP, Filesystem, Browser Sync etc.) and used Log 4j for logging.
* Hands-on experience working with source control tools such as CVS, Clear Case, SVN, Git and Surround SCM.
* Experienced in the deployment of the ear and jars using Jenkins, ANT, Maven deploy tools and performing other configuration changes for setting up the application in the integration testing environment.
* Created and presented training materials **for Groovy, Unit Testing, the Gradle** build framework and others.
* Work Experience with testing tools and applications such **as JUnit, Mockito, Firebug, FirePoster, and SoapUI** and performed Unit testing, integrated testing, and closely worked with QA team in preparation of Test plans.
* Developed **CI/CD system with Jenkins on Kubernetes container environment utilizing Kubernetes.**
* Worked on **CI/CD** tools for creating Jenkins jobs, trigger the build and perform release cuts of the application.
* Proficient in RDBMS concepts like writing SQL Queries, Functions, Stored Procedures and PL/SQL Packages and have knowledge **on NoSQL Databases MongoDB and CouchDB**.
* Expertise in using **Oracle SQL Developer GUI** (Graphical User Interface) tool for database development, browse database objects, implement and edit SQL as well **PL/SQL** statements.
* Complete understanding of **Agile/SCRUM** with the ability to conduct SCRUM meetings, co-ordinate team activities in a strict-deadline driven environment and maintain excellent client communication.
* Good exposure in interacting with clients and solving application environment issues and can communicate effectively with people at different levels including stakeholders, internal teams and the senior management.

**Technical Skills:**

**Programming Languages:** Java, Python, C, C++

**J2EE Technologies:** EJB, Servlets, JSP, JSTL, JDBC, JSF, RMI, JNDI, JMS

**Web Technologies:** HTML, DHTML, AngularJS, JQuery, XML, XSLT, CSS, JSON, JSON-DTD, AJAX, Bootstrap, NodeJS, ReactJS, IDE IBM RAD, RSA, Eclipse, NetBeans, JBuilder, IntelliJ

**Application/Web Server:** IBM WebSphere, Oracle WebLogic, JBOSS, Apache Tomcat and Glassfish

**Databases:**  Oracle SQL, MySQL, DB2, Mongo DB

**XML Technologies:** XML, XSLT, XPATH, SAX, DOM, JDOM, AXIS, JAXB

**Web Services:**  SOAP, REST, JAX-WS, JAX-RPC, JAX-RS

**Frameworks:** Spring, Hibernate, JSF, AngularJS, Bootstrap, Node.js, JUnit4, Maven, ANT, Log4J

**Methodologies:** RUP (Rational Unified Process), Agile, Waterfall, SCRUM, Rapid Application Development.

**Operating Systems:** Windows, Linux, UNIX

**Professional Summary:**

**Broadridge Financial, Pittsburgh Feb 2020 – Present**

**Senior Java/AWS Software Engineer**

**Description:** Currently working on a full stack web application which is a Financial product used by a lot of customers in the investment domain. Developed backend services using Java, Spring and front-end features in Angular and TypeScript. Responsible for developing and testing different features and services on the entire stack. Provisioned a spring batch job for data migration from Greenplum (postgres) to AWS Aurora. Developed ETL pipeline using AWS Glue and Lambda. Also working on migrating, deploying, and running the whole application and the infrastructure in AWS cloud by moving from the legacy architecture to a cloud-based architecture.

**Responsibilities:**

* Design, Development and implementation of several **J2EEframeworks** like Model View Controller **Struts1.1/1.2, Spring, Hibernate and EJB2.0.**
* Worked on the initial architecture of the data migration service.
* Involved in developing the user interface screens for clients using **Struts, JSP, JSTL, jquery libraries, HTML,XML and JavaScript**
* UI development using **Html5, JS, CSS3.0, Ext.JS 4.1 and JSON.**
* Used HTTP Request to read data from web servers and process **JSON** data to render in the UI.
* Worked with Angular 4 forms, modules, DOM, events, expressions, controllers, filters and Http Request.
* Migrated data from the legacy system data center to new cloud environment.
* Developed Spring Batch based batch loading service.
* Worked on Oracle11g, Created DAO classes which get connection instances with **Spring JDBC**, Configuring JDBC connections.
* Used XSLT to do transformation changes for new requirements on the consumer side of web service application
* Implemented **AJAX** functionality using **JQUERY, EXT-JS, JSON and XML**.
* Involved in designed and development of web interface using JSP, Servlets, JavaScript and JDBC for administering and managing users and clients.
* Involved in importing and exporting the data from **RDBMS to HDFS and** vice versa using sqoop.
* real-time indexing, dynamic clustering, database integration, **NoSQL** features and rich document handling.
* Implemented **REST Microservices** using spring boot. Generated Metrics with method level granularity and Persistence using Spring **AOP and Spring Actuator.**
* Converted a monolithic app to **microservices** architecture using Spring Boot using 12-factor app methodology. Deployed, Scaled, Configured, wrote manifest file for various Microservices in PCF.
* Used **AWS** services like **EC2, Lambda, VPC and Glue.**
* Implementing **CI/CD** pipelines with Jenkins to setup pull request, pre-prod and prod deployment workflows with regression test suites.
* Used **Postgres** **databases** like **Greenplum**, AWS Aurora (Postgres) serverless and cache Gemfire.
* Migrated data from **Greenplum** **to Aurora Serverless.**
* Responsible for Lambda based serverless design for data migration.
* Used python based serverless ETL data pipeline using AWS Glue as well as Lambda for loading and transform millions of records.
* Developed SPA (single page application) project using **Angular 2.0/4.0/5.0 and Typescript for frontend, Node JS and Postgres for backend**
* Designed and coded customized Angular 5 services to interact with the backend API and serve components.

**Environment:** Java 1.8, Restful web Services (JERSEY, Spring Boot), PCF, Spring Config server, Angular JS1.x, HTML, JSON, Log4j, Gradle, Git, Junit, Pivotal Tracker, Tomcat 7, Oracle 9i, DB2, Jenkins, Concourse, JQuery, AWS, Microservices, Postgre Database, Angular 2.0/4.0/5.0, Hibernate.

**Ally Financial Dallas, TX July 2018 – Jan 2020**

**Fullstack Java Developer**

**Responsibilities:**

* Worked on High level and low level system design, planning, estimation and implementation
* Developed presentation layer using **JSP, HTML5, CSS3** and client validation using JavaScript.
* Worked on some of the new features of Angular like new if else syntax, ng-templates, form validators.
* Design and develop template based User Interface using **Bootstrap** and **Angular 2**.
* Worked on server-side validations, handle actions, events and also Encapsulation by implementing **React JS**.
* Handled all the client side validations, slide show, hide and show controls, dropdown menus and tab navigation using **JQuery**.
* Developed the application using Java 1.8 and implemented its features like Lambdas Expressions, Time API, Streams, functional interfaces, collectors, default methods, type interfaces, for each.
* Designed and developed application using various Spring framework modules like **Spring IOC**, Developed Controller Classes using **Spring MVC, Spring AOP**, Spring Boot, Spring Batch, Spring Data modules and handled security using Spring Security.
* Used spring config server for centralized configuration and **Splunk** for centralized logging. Used Concourse and Jenkins for **Microservices** deployment
* New library development **with micro services architecture** using Rest APIs, spring boot and pivotal cloud fundry
* Experience with the features of **Angular 2** such as directives, modules and routing. Used Angular 2 router to build single page application for navigate through the different status and multiple modals.
* Developed user interface using **JSP, AJAX, Java, Saas, big data, cloud, POC, RBDMS, JSP Tag** libraries and Struts Tag Libraries to simplify the complexities of the application.
* Worked on high level design / architecture, developed initial prototype demonstrating Google App Engine utilization and proof of concept which helped us in understand GAE and related technologies and how to use them efficiently.
* Developed **RESTful** web services to retrieve JSON documents related to customer and consumed **SOAP** based **Web Services**.
* Development of Python API's for monitoring of data acquisition and automation of data quality check process.
* Implemented Restful Services **with JAX-RS** using Spring Boot and **Micro Service Architecture**.
* Responsible for maintaining and expanding **AWS (Cloud Services)** infrastructure using **AWS** Stack especially worked with database setup and maintenance and created **AWS EC2** instances.
* Designed services to store and retrieve user data using Mongo DB database and communicated with remote servers using **REST** enabled Web Services on Jersey framework.
* Experience in Implementing API's in Java **Multi-Threaded** Environment
* Developed integration modules for disparate clients using Apache Camel.
* Used Spring JDBC API to talk **MySQL** Database for Read and Write operations.
* Developed SOAP web services using JAX-**WS** API and **REST** web services using JAX-RS API.
* Worked with **NoSQL** Cassandra to store, retrieve, and update and manage all the details for Ethernet provisioning and customer order tracking.
* Wrote scripts in JMeter to test the performance of the API's
* Performed Oracle Database **migrations 8i, 10g to 11g Rel**. 2. Incorporating new business requirements.
* Websphere is used as an Application Server to **Deploy** the Application.
* Experience in using JUnit and build tools such as **MAVEN**.
* Collaborated with testers and developers and prepared test plans for producing high quality software applications
* Worked on **Log4j** for logging errors, messages and performance logs

**Environment:** Java 1.8, J2EE, HTML5, CSS3, JQuery, Bootstrap, JavaScript, AngularJS, NodeJS, Hibernate, Spring MVC, Spring IOC, Spring boot, Microservices , spring security, XML, GIT, JSP, JUnit, Maven, IBM WebSphere, Apache, JAX-RS, Restful, Amazon Web Services (AWS), Micro Services, Log4J, Oracle, Mongo DB, WSD and Spring Tool Suite.

**Amdocs Inc, Champaign, IL Sep 2017 to June 2018**

**Java/J2EE Developer**

**Description:** Amdocs is leading telecom billing provider across the globe. Amdocs is the market-leader in customer experience software solutions and services for the world's largest communications, entertainment and media service providers. In this project Schedulers are used to initiate the Matching Logic process, to intimate the auditors via mail, about pending activities. The system generates different types of reports based on the matching logic. The process will determine whether the invoice is from a valid vendor, is a valid invoice, a duplicate invoice or for a disconnected connection.

**Responsibilities:**

* Good experience in developing web Applications using **Spring MVC framework** implementing Controllers, spring Forms, Spring Validation Framework and Spring Tag Libraries.
* Expertise in converting **XSL to JSP'S** and implemented Tiles configuration.
* Experience working on **Web Logic** and Jetty servers to deploy and debug the application.
* Implemented WASAPI technique to reduce the threat of software vulnerabilities with cross-site scripting, cross site request forgery, click Jacking.
* Designed and developed Application based on **JSF framework using MVC design** patterns.
* Involved in Implementation and Unit testing of the product
* The application flow is designed and developed using **JSF, spring framework and Tiles**
* Designed and developed the UI using Struts view component, **JSP, HTML, CSS and JavaScript**
* **JSP Content is configured in XML Files.**
* Implemented session beans **using EJB 3.0.**
* Deployed the web components into the web Sphere application server.
* Designed and developed various modules of the application **with J2EE design architecture, Spring MVC architecture and Spring Bean Factory using IOC, AOP concepts.**
* Used **JavaScript, jQuery** for user interactions in pages. Creating a responsive web application integrating Twitter Bootstrap with Angular JS and media queries.
* Designed Prototype and project layout skeletons using **ReactJS, JQuery and CSS/LESS and HTML5.**
* Implemented features like logging, user session validation using Spring-AOP module
* Developed server-side services **using Java5.0, Spring 2.5, Web Services (SOAP, WSDL**)
* Wrote application front end with **HTML, JSP, Ajax JQuery, Spring Web Flow, XHTML, DHTML and CSS**
* **Hibernate** is used as persistent at middle tire for providing object model over relational data model
* Code Reviews, customization and maintenance of code across applications
* Hands-on experience with control tools like **CVS, SVN, VSS (Visual SourceSafe) and data modeling.**
* Using CVS version control tools to manage source repository
* Creating environment for user-acceptance testing and facilitating Integration and User Acceptance Testing with **JUNIT**
* Invoked Webservices to generate **Java classes from XML schema**.
* Exposed and consumed **SOAP** based **Web Services** to communicate between systems.
* Good experience in developing the multi-threaded applications
* Responsible for release of code into production and its integration with other Applications
* Identifying and developing test cases and test scripts to perform load tests for Performance and regression testing
* Developed build Scripts using **Maven** to build and deploy the application
* Used Wireshark to know the communication between local and remote machine. Captured local TCP protocols to know the number of round trips, in order to improve the performance.
* Used various **jQuery** and **Bootstrap** plug-in like date picker, Bootstrap selectors.
* Worked on performance center environment to run the scripts and to collect the load runner results, also involved in monitoring the **CPU** utilization and memory utilization by load generators and validating performance tuning results.
* Used HP Load Runner, to modify the load runner results, and to analyze the graphs generated.
* Used Putty, to check the server instances and log files.
* Wrote ANT scripts to automatically save files from remote to local machine.
* Worked on **MySQL** statement caching and database connectors

**Environment:** Java, J2EE, JDK 1.7/1.8, RCP, JBOSS, AWS SDK, Ext JS, Git, Swing, Spring 4.x, AWS SNS/SQS, Hibernate4.x, Core Java, SOAP/Rest, Web Services, JavaScript, UML, Web Services, HTML5, CSS, SASS, RAD 7, WAS 8 WSDL, SDK's, JIRA 5.x/6.x, JAXB, Linux, JAX-WS, JAX RPC, JMS, JSF, UNIX, NOSQL (MongoDB), Angular JS, NodeJs, ReactJS, AJAX, Apache JMeter, JQuery, JUnit, Maven, Oracle 10g.

**Electrolux, Charlotte, NC Nov 2015 – Aug 2017**

**FullStack Java Developer**

**Description:** Developed web-based Product Registration Portal where the owners can register their purchased Electrolux product online for extended customer support and warranty.

**Responsibilities:**

* Involved in Design, Development and Support phases of Software Development Life Cycle (**SDLC**).
* Analyzed and fixed issues related to **REST Web services** and Application responses.
* Implemented Hibernate for data persistence and management.
* Designed and implemented the user interface using **HTML5, CSS3, JavaScript and Angular JS.**
* Involved with bug fixing on functionality, performance and designing issues with **JavaScript**, **JQuery, HTML5, CSS3 and Angular JS.**
* Built **MAVEN** scripts for automated deployment and for the build operation of the entire application.
* Used AGILE methodology and participated in **SCRUM** meetings.
* Developed Controller for request, response paradigm by Spring Controllers using **Spring-MVC. Used JSON as response type in REST services.**
* Used AJAX and JSON to make asynchronous calls to the project server to fetch data on the fly.
* Developed a tool to retrieve and send data to third party service provider this feature was implemented using REST
* Created Buckets in **AWS and** stored files. Enabled Versioning and security for files stored
* Used RESTFUL client to interact with the services by providing the **RESTFUL URL** mapping
* Deployed the application in **WebSphereApplicationServer 6.0.1 and Configured** JMS in the WebSphere application server to send messages on the queue.
* Spring Controllers were used with **AngularJS** to route the control to desired Java services.
* Implemented scripting with **Ajax and XML** to dynamically refresh the page contents.
* Developed Hibernate mapping files using different mapping strategies such as table per class hierarchy and also used Hibernate Persistence Strategy to interact with database.
* Developed core Java programs for all business rules and workflows using spring framework.
* Designed and developed Restful service interface using **Spring MVC** to the underlying customer event API. Involved in building **Restful Web services using JAX-RSAPI**.
* Worked on Cloud implementation by installing, building and deploying applications using Cloud Foundry and using **AWS**.
* **AWS EC2 instances** were configured in developing and QA environments with NodeJS
* Created custom Plugins, templates, and functions for **Angular JS application**.
* Used Maven as the build tool and Tortoise SVN as the Source version controller.
* Used Subversion (**SVN**) as the configuration management tool to manage the code repository.
* Performed unit testing using JUnit.
* Followed **Agile Scrum** methodology and **used TDD for writing test cases**.
* Involved in developing stored procedures and **Triggers on Oracle11g**
* Used NPM to manager server side packages.

**Environment:** Java 1.7, J2EE, Spring Framework 4.0, Hibernate, AJAX, Oracle 11g, Web Services, AWS, Agile, REST, XML, SOA, WebSphere, JavaScript, Angular JS, NodeJS, Bootstrap, JQuery, JBOSS, JUnit, Grunt, GITHub, SQL, JMS, HTML5, JSP, CVS, CSS, MVC, Maven and SVN.

**Macrosoft Inc, India Feb 2012 – Oct 2015**

**Java/J2EE Developer**

**Responsibilities:**

* Involved in the Design, Development Phases of quotes, customer service modules.
* Developed the **front-end** using **JSP, Struts, MVC, Javascript, HTML and DHTML**.
* Used Struts-validation Framework to provide Validation.
* Developed middleware business logic using Enterprise Java Beans.
* Release deployment planning and execution of releases.
* Used ClearCase for version control.
* Worked in the development of DAO classes for the data access logic.

**Environment:** Java, J2EE, Struts, , XML, SOAP, WSDL, AJAX, JSP, HTML, Javascript, CSS, Log4J, JAXB, JUnit, Tomcat 5, JBoss 5.0, LDAP, IntelliJ IDEA 11.2, DB2/DB2 Client, SQL Server, Linux.

* **Education: Bachelor’s West Bengal University of Technology**
* **References: Provided upon request**